

YOSR BEN NAGRA

+216 53916040 | yosrbennagra@gmail.com | Ariana, Tunisia | GitHub | Portfolio

Experience

Full-Stack Developer Intern (End-of-Studies Internship) IT Serv

Feb 2025 – Aug 2025

- Designed full-stack web platform integrating AI, DevOps, and RAG
- Implemented AI-powered symptom checker, doctor blog, patient forum, admin dashboard
- Fine-tuned AI model and set up CI/CD, containerization, and monitoring

Keywords: Python, Flask, MongoDB, Docker, Jenkins, CI/CD, RESTful APIs, ReactJS

Full-Stack Developer Intern IronByte

Jun 2024 – Aug 2024

- Developed educational web application with assignment submission and lesson sharing
- Added timetable creation tool improving scheduling efficiency

Keywords: NestJS, ReactJS, MongoDB, TypeScript, JavaScript

Full-Stack Developer Intern Ooredoo Tunisie

Jul 2023 – Sep 2023

- Built internal communication app with real-time chat, filtering, and search
- Delivered UX/UI design and unit/integration tests

Keywords: Spring Boot, Angular, Java, RESTful APIs, Oracle

Education

Bachelor's Degree in Engineering

Sep 2020 - Jun 2025

Private Higher School of Engineering and Technology (ESPRIT), Tunis, Tunisia

Projects

Shape Blaster - Mobile Game

Aug - Sep 2025

Personal Project

- Developed 2D puzzle game where players place shapes to clear horizontal and vertical lines
- Implemented shape spawning system and placement logic to handle strategic positioning and line-clearing mechanics

Keywords: Unity, C#, Mobile Development, Game Design

Collaborative Document Platform

2023 - 2024

Academic Team Project - ESPRIT

- Developed Notion-like application with real-time collaboration and document sharing across groups and users

Keywords: React, TypeScript, NestJS, WebSockets, Jest, GitHub Actions, Vercel

Construction Management System

2022 - 2023

Academic Team Project - ESPRIT

- Developed desktop application for construction company managing inventory, staff, materials, and deliveries

Keywords: Qt, C++, Desktop Application, Database Management

Skills

Frontend Development: React, JavaScript, TypeScript, HTML5, CSS3, Redux

Databases & SQL: MySQL, PostgreSQL, MongoDB, SQL, Oracle

APIs & Backend: RESTful APIs, GraphQL, Node.js, NestJS

Testing & Quality: Jest, React Testing Library, Unit Testing, Automated Testing

Languages

Arabic (Native) | English (Fluent) | French (Fluent)

CI/CD & DevOps: Jenkins, GitHub Actions, GitLab CI, Docker, CI/CD Pipelines

Version Control: Git, GitHub, Code Reviews, Peer Review

Methodologies: Agile/Scrum, Problem-Solving, Team Collaboration

Additional: WebSockets, Responsive Design, UI/UX Design